



The role of Cadastre and Land Management for social stability

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Chair of FIG Commission 7

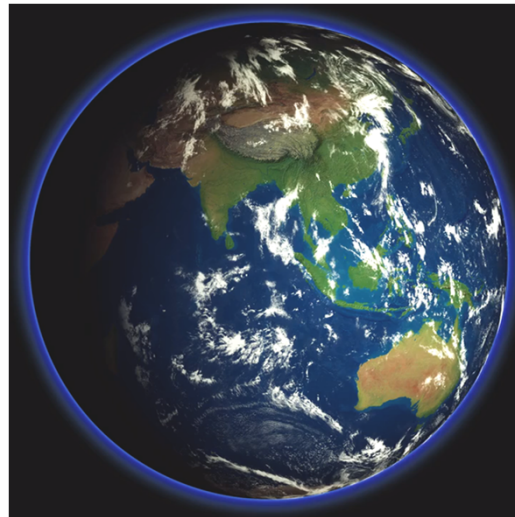
This land is your land....



UN Declaration of Human Rights

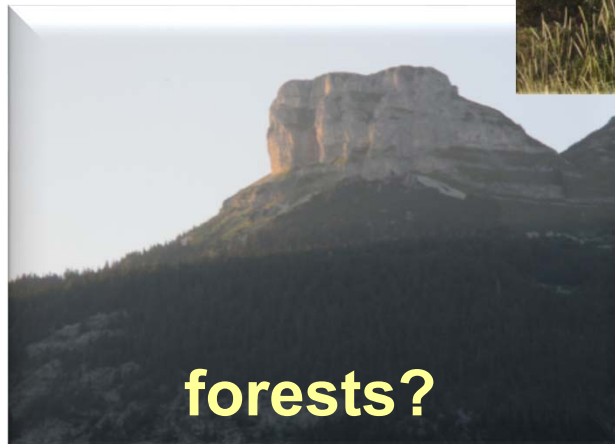
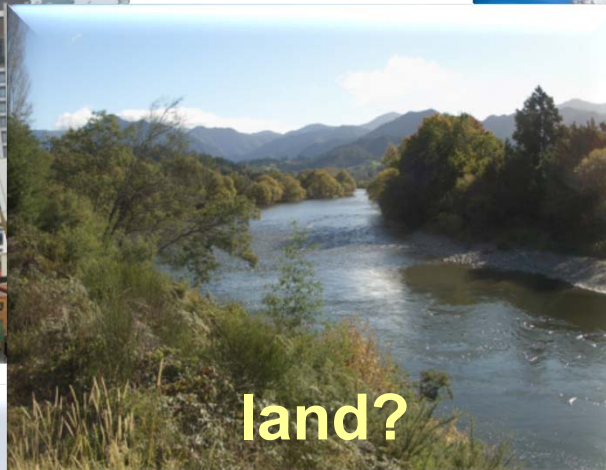
Article 17 par (1): Everyone has the right to own property alone as well as in association with others

This land is my land.....



**75 % of global population, while holding
land or land rights
have **no** access
to formal land registration**

It's all about „who owns.....“



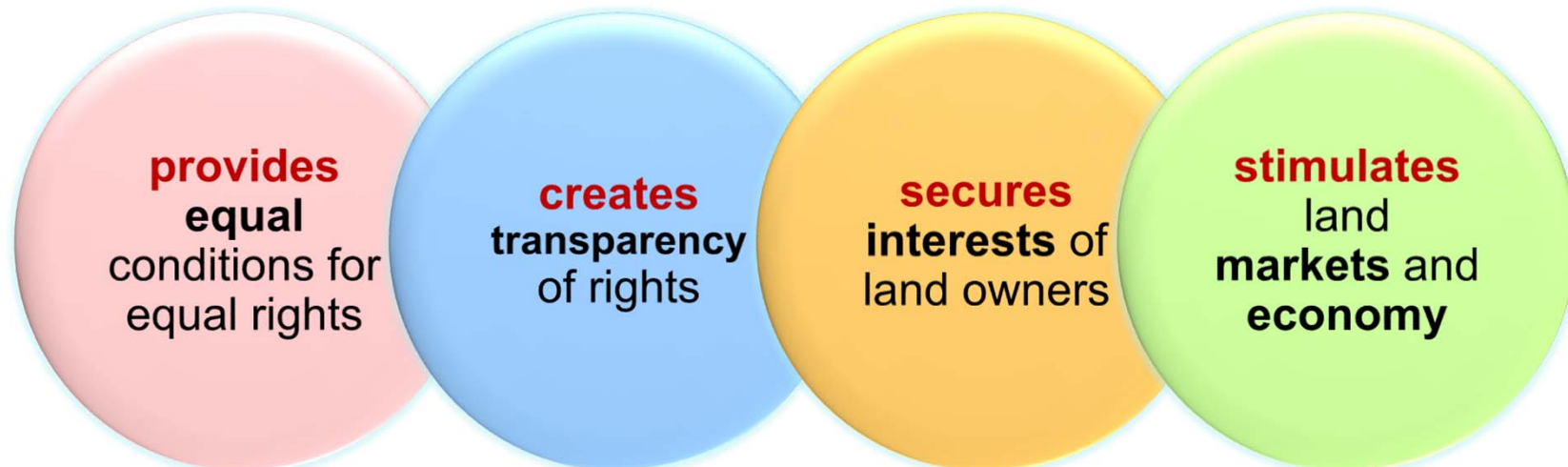
Registration and society

- registered land secure in principle
- non registered land - de facto ownership without legal security accepted by society – prevents from good land management

questions to be answered:

- who protects owners?
- how to secure rights and interests of citizen and investors?
- how to create sustainable value of land?
- what is the role of public administration?
- what is the position of land owners in administrative procedures?
- how to create confidence among stakeholders?
- how to prevent from land abuse and corruption?

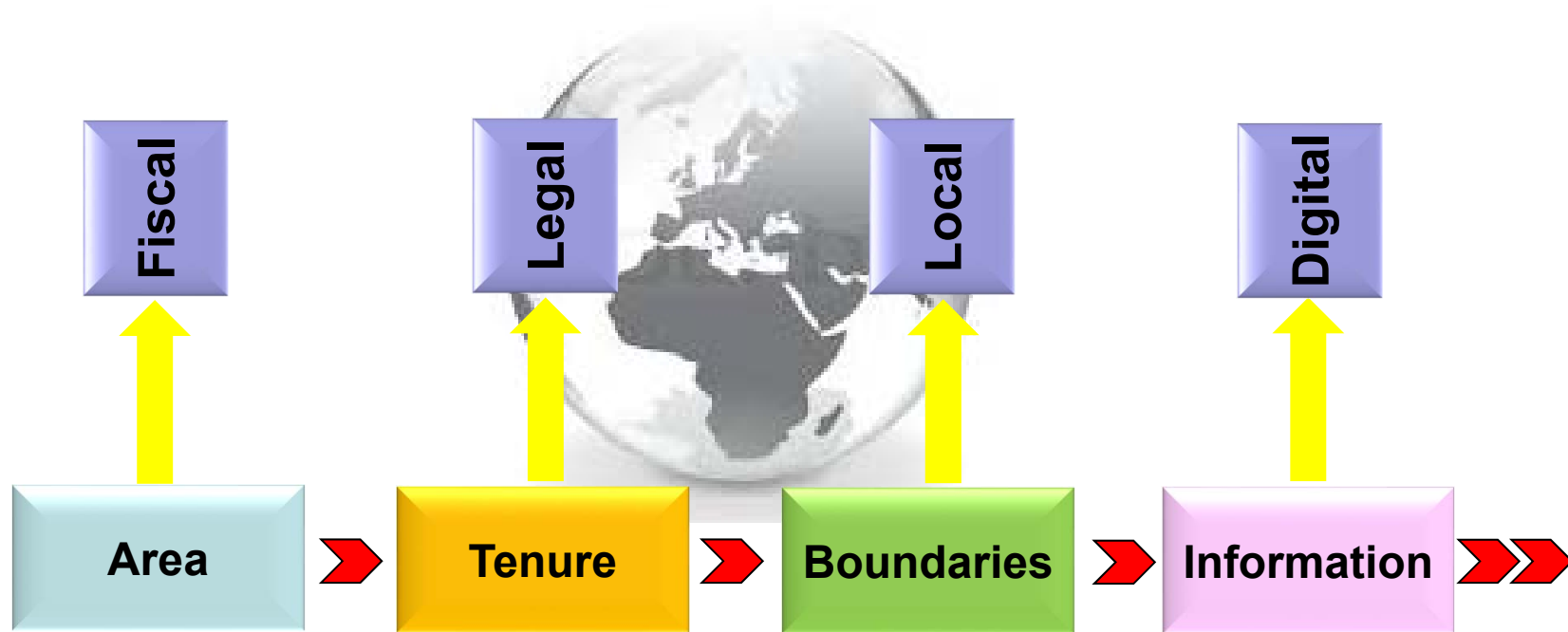
Cadastre and Land Management



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an intermediary between policy and social security

From point to location to information

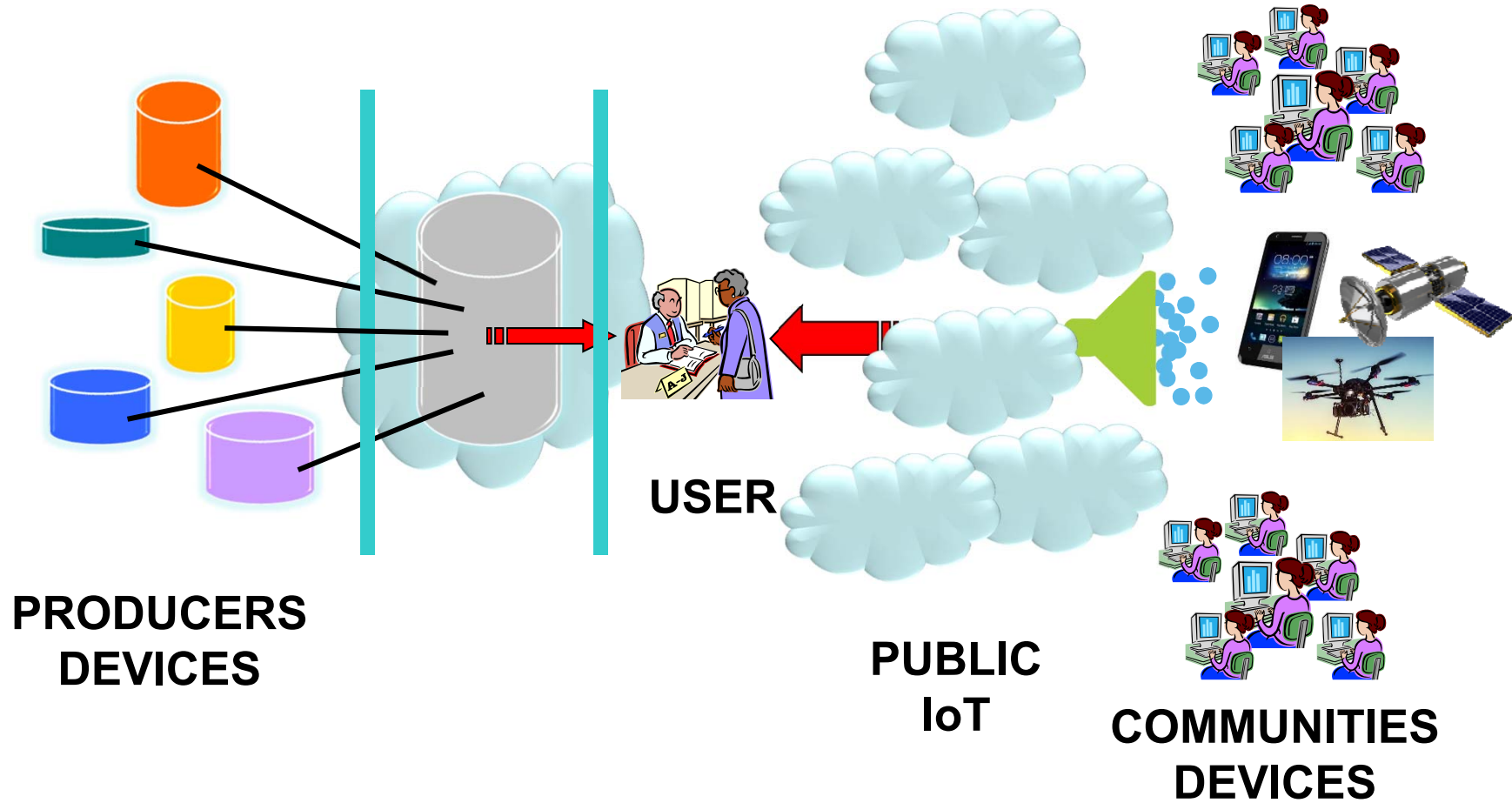


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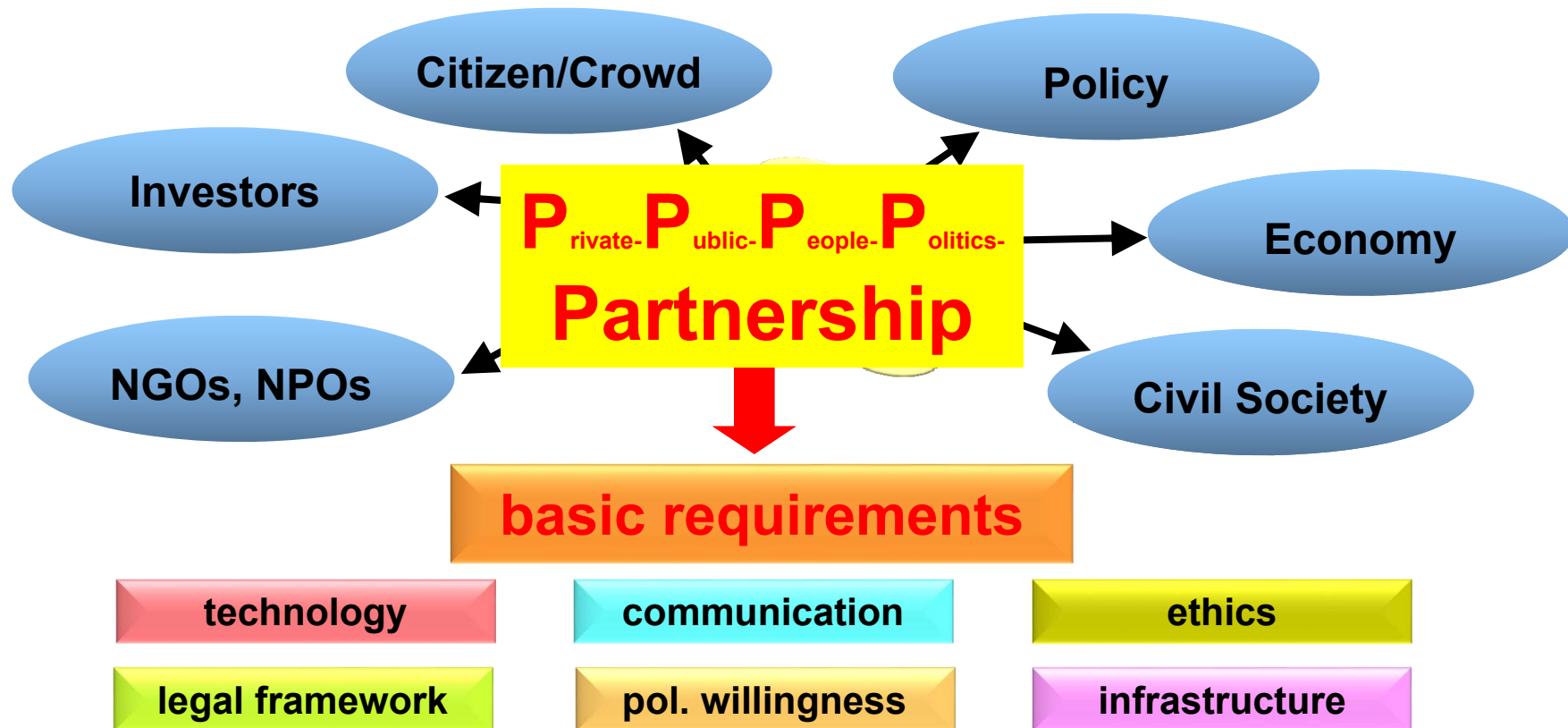
Information matters

- Internet of Things / sensors / Crowdsourcing / VGI
- everyone produces and publishes everything
- data are accessible for everyone and become a public (community) good
- data reflect visible world \neq legal status
- smart procedures for selective processing of big data
- smart systems – automatic acquisition of data and information
- data acquisition is no longer bound to location of land
- users (land owners) equal partners in systems
- users (land owners) may be big players in systems

Users get producers

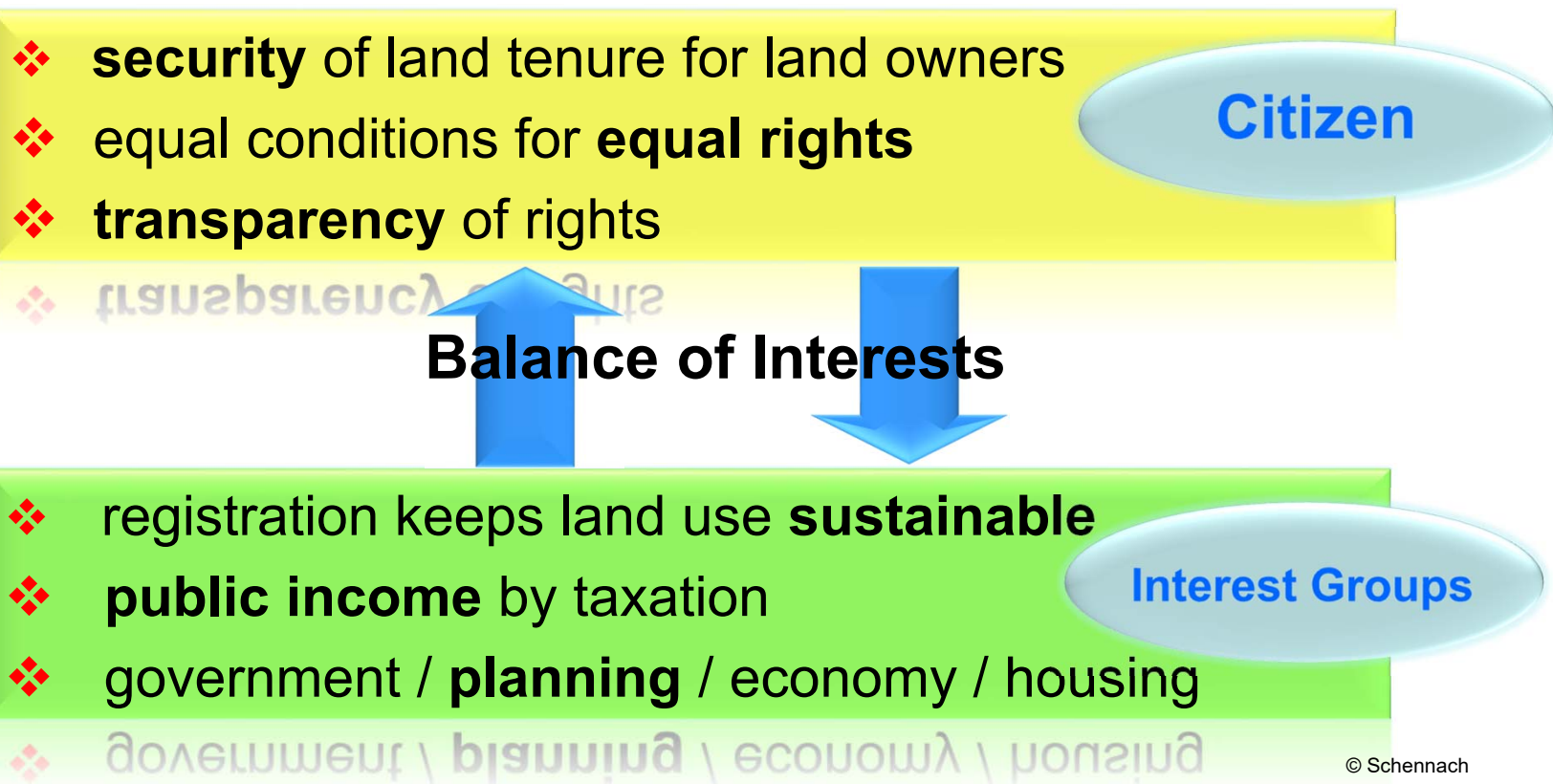


A shift of power



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Shareholder vers. Stakeholder value

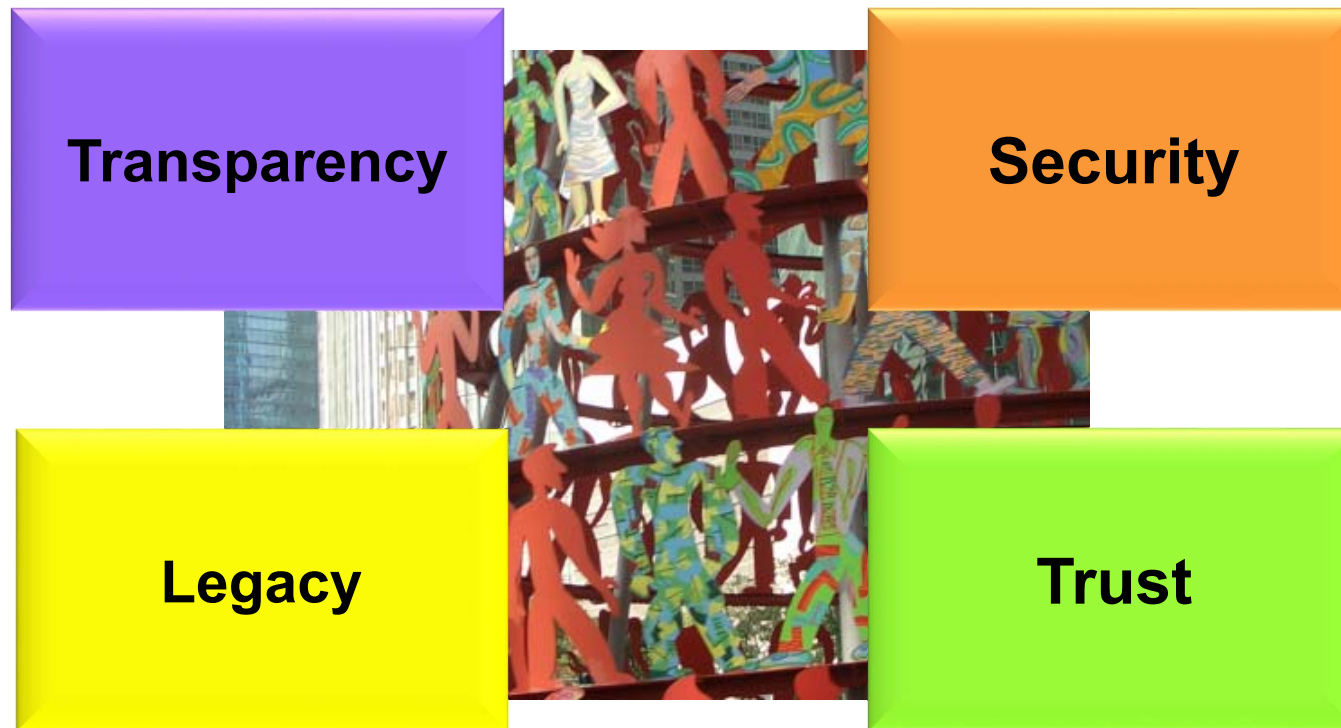


All about people



The role of Cadastre and Land Management for social stability
 G. Schennach / Chair Commission 7
 7 – 9 Nov 2018, Athens/GR

All about 4 basic principles



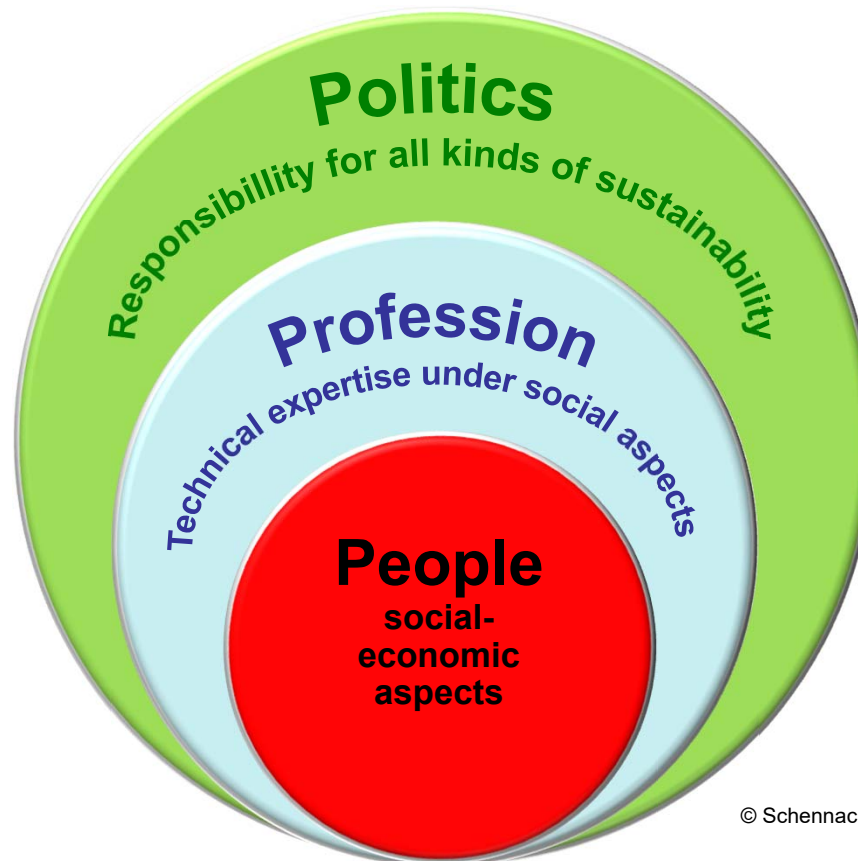
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Some crucial points for the future

- to manage the responsibilities in the „Twin world“ (© Nick Land ESRI)
- to verify legal situation from augmented reality
- to guarantee relevance of authentic (authoritative) data
- to keep quality of authentic data sustainable
- to secure tenure by transparent registration procedures (Cad 4.0)
- to provide tools for transparent valuation of land
- to promote role models which include land owners at a legal level
- to engage as a profession acting on technical and ethical standards
- to encourage the global community to create global trust

provide expertise from international (independent) associations

Fit-for-people



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Thank you for your attention!

